

### IN THE CLAIMS

Please amend the claims as follows:

1. (Withdrawn – Currently Amended) A method for forming a microcoil comprising:  
attaching a trace of conductive material to a film of insulating material; ~~and~~  
affixing a solderable attaching trace to the film, wherein the solderable attaching trace is  
electrically isolated from the trace of conducting material;  
soldering the attaching trace to the mandrel prior to rolling of the mandrel; and  
rolling the mandrel with the film attached ~~rolling the film~~ to circumferentially wrap the  
trace of conductive material more than one revolution around a longitudinal axis of rolling.
2. (Withdrawn) The method for forming a microcoil of claim 1 wherein attaching a trace of  
conductive material comprises:  
adhering a sheet of conducting material to the film of insulating material; masking the  
sheet of conducting material with a masking material;  
etching the sheet of conducting material; and  
removing the masking material.
3. (Withdrawn) The method for forming a microcoil of claim 1 wherein the trace of  
conductive material includes copper.
4. (Withdrawn) The method for forming a microcoil of claim 1 wherein the film of  
insulating material includes polyimide.
5. (Cancelled)
6. (Withdrawn – Currently Amended) The method for forming a microcoil of claim ~~[[5]]~~ 1  
wherein the mandrel comprises a round cross section.

7. (Withdrawn – Currently Amended) The method for forming a microcoil of claim [[5]] 1 wherein the mandrel is hollow.

8. (Withdrawn – Currently Amended) The method for forming a microcoil of claim [[5]] 1 wherein the mandrel comprises a semi-rigid coaxial ~~line~~ conductor.

9. (Currently Amended) A method for forming a microcoil comprising:  
attaching a trace of conductive material to a substantially planar film of flexible insulating material;  
affixing a solderable attaching trace to the film, wherein the solderable attaching trace is electrically isolated from the trace of conducting material;

~~attaching an end of the film to a~~ soldering the attaching trace to the mandrel prior to rolling of the mandrel; and

rolling the mandrel with the film attached such that when rolled the end of the film is pulled, and the trace of conductive material circumferentially wraps around a longitudinal axis of rolling.

10-16. (Cancelled)

17. (Withdrawn – Currently Amended) A winding comprising:  
a coiled film of insulating material;  
a trace of conductive material attached to the film wherein the trace further comprises:  
a leg oriented on the film such that the leg circumferentially wraps around a longitudinal axis of the coiled film;

a first lead electrically coupled to the leg; ~~and~~

a second lead electrically coupled to the leg, whereby electricity may flow from the first lead, through the one or more windings and out to the second lead[.];

a mandrel; and

an attaching trace attached to the film and soldered to the mandrel wherein the attaching trace is electrically isolated from the trace of conducting material.

18. (Withdrawn) The winding of claim 17 wherein the trace of conductive material includes copper.

19. (Withdrawn) The winding of claim 17 wherein the film of insulating material includes polyimide.

20. (Withdrawn) The winding of claim 17 further comprising at least one supplemental lead electrically connected to the trace of conductive material.

21-32. (Cancelled)

33. (Withdrawn) The method for forming a microcoil of claim 9, wherein attaching a trace of conductive material comprises:

- adhering a sheet of conducting material to the film of flexible insulating material;
- masking the sheet of conducting material with a masking material;
- etching the sheet of conducting material; and
- removing the masking material.

34. (Previously Presented) The method for forming a microcoil of claim 9 wherein the trace of conductive material includes copper.

35. (Previously Presented) The method for forming a microcoil of claim 9 wherein the film of flexible insulating material includes polyimide.

36. (Previously Presented) The method for forming a microcoil of claim 9 wherein the mandrel comprises a round cross section.

37. (Previously Presented) The method for forming a microcoil of claim 9 wherein the mandrel is hollow.

38. (Currently Amended) The method for forming a microcoil of claim 9 wherein the mandrel comprises a semi-rigid coaxial ~~line~~ conductor.